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* Admitted only in Maryland
* Admitted only in Virginia
* Admitted only in Texas

March 4, 2002

WRITER'S DIRECT NUMBER:
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Commissioner of Patents
Washington, D.C. 20231

Box: Missing Parts

Re: U.S. Utility Patent Application
Appl. No. 09/927,436; Filed: August 13, 2001
For: **Highly Homogeneous Molecular Markers for Electrophoresis**
Inventors: Tadayoni-Rebek *et al.*
Our Ref: 0942.5300001/RWE/AGU
Art Unit: 1645

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449, 9 pages, listing 36 documents;
3. One copy of each of the 36 cited documents on Form PTO-1449;
4. Letter to PTO Draftsman: Submission of Formal Drawings;
5. 11 Sheets of Formal Drawings with Figures 1-2, 3A-3B, 4-10;
6. Copy of Notice to File Missing Parts;

7. Fee Transmittal Form (PTO/SB/17);
8. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
9. Original Declaration for Patent Application executed by the inventors;
10. Power of Attorney from Assignee;
11. Certificate Under 37 C.F.R. § 3.73(b), with Assignment attached;
12. Our check no. 34356 for \$2282.00 to cover:
 - \$740.00 Filing Fee for Patent Application (37 C.F.R. § 1.16)
 - \$492.00 Extra claim fee (37 C.F.R. 1.16)
 - \$130.00 Surcharge for late filing of Declaration (37 C.F.R. § 1.16)
 - \$920.00 For Extension fees under 37 C.F.R. § 1.136; and
13. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



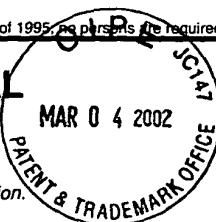
Robert W. Esmond
Attorney for Applicants
Registration No. 32,893

RWE/AGL/jk
Enclosures

P:\USERS\ANGIE\0942\5300001\530-1-transmltr-ids-formal\draws-010202

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.



Complete if Known

Application Number	09/927,436
Filing Date	August 13, 2001
First Named Inventor	TADAYONI-REBEK et al.
Examiner Name	To be assigned
Group Art Unit	1645
Attorney Docket No.	0942.5300001/RWE/AGU

TOTAL AMOUNT OF PAYMENT (\$2282.00)

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 19-0036
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

- ☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☒ Other*
*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

2. EXTRA CLAIM FEES

Total Claims	Extra	Fee from below	Fee Paid
38	- 20** = 18	X 18 = 324.00	
Indep. Claims	5 - 3** = 2	X 84 = 168.00	
Multiple Dependent		= 0.00	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim
108	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 492.00

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid
105	130	205	65	Surcharge - late filing fee or oath	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	920.00
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	481	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify):

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 1050.00

SUBMITTED BY

Name (Print/Type)	Robert W. Esmond	Registration No. (Attorney/Agent)	32,893	Telephone	202-371-2600
Signature	<i>Robert W. Esmond</i>	Date	March 4, 2002		

Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SKGF Rev. 10/01/01 mmac

530-1-ufmfp-filingfeetransm030402



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/927,436	08/13/2001	Mitra Tadayoni-Rebek	0942.5300001/RWE/AGL

CONFIRMATION NO. 6227

26111
STERNE, KESSLER, GOLDSTEIN & FOX PLLC
1100 NEW YORK AVENUE, N.W., SUITE 600
WASHINGTON, DC 20005-3934

FORMALITIES LETTER



OC000000006833793

Date Mailed: 10/02/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$484.
 - \$324 for 18 total claims over 20.
 - \$160 for 2 independent claims over 3.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1324.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

03/08/2002 MBERHE 00000007 09927436
 01 FC:101 740.00 DP
 02 FC:105 130.00 DP
 03 FC:103 324.00 DP
 04 FC:102 168.00 DP

03/08/2002 MBERHE 00000007 09927436
 01 FC:101 740.00 DP
 02 FC:105 130.00 DP
 03 FC:103 324.00 DP
 04 FC:102 168.00 DP

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

204020 02472660

Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Mitra TADAYONI-REBEK, Joseph W. AMSHEY and Regina ROONEY

Application No./Patent No.: 09/927,436 Filed/Issue Date: August 13, 2001

Entitled: Highly Homogeneous Molecular Markers for Electrophoresis

Invitrogen Corporation, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: ☒ 1/31/2002

Name: Alan W. Hammond

Title: Chief Intellectual Property Counsel

Signature: ☒ Alan Hammond

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tadayoni-Rebek *et al.*

Appl. No. 09/927,436

Filed: August 13, 2001

For: **Highly Homogeneous Molecular
Markers for Electrophoresis**

Confirmation No. 6227

Art Unit: 1645

Examiner: To be assigned

Atty. Docket: 0942.5300001/RWE/AGU

Letter to PTO Draftsman: Submission of Formal Drawings

Commissioner for Patents
Washington, D.C. 20231

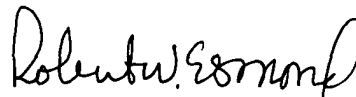
Sir:

Submitted herewith are 11 sheets of formal drawings with Figures 1-2, 3A-3B and 4-10, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this Letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond
Attorney for Applicants
Registration No. 32,893

Date: March 4, 2002
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